

RECTANGULARAFS

NON-INSULATED ALUMINIUM RECTANGULAR FLEXIBLE AIR DUCTS



Rectangular**AFS**-ALU non-insulated aluminium rectangular flexible air ducts are specifically produced for low and medium pressure heating, cooling, ventilation, exhaust and air conditioning systems. They are specially designed, multi-purpose, non-insulated rectangular air ducts having the advantage of maximum capacity while reducing installation space to a minimum. Airtight Rectangular**AFS**-ALU ducts are produced from multi-layer aluminium strengthened with spiral high-tension hard steel spring wire.

The technical specifications of Rectangular**AFS**-ALU non-insulated ducts are the same as the **ALUAFS** non-insulated series. The only difference is that Rectangular**AFS**-ALU ducts have a rectangular cross-section.

Rectangular**AFS**-ALU non-insulated aluminium rectangular flexible ducts are highly elastic, flexible and compressible. They can be easily fitted to circular, oval or rectangular connectors.

The fire resistance of Rectangular**AFS**-ALU non-insulated aluminium rectangular flexible air ducts has been tested and certified by various international bodies. In case of fire no toxic or poisonous gases are released.



POPERTIES & ADVANTAGES

ALUMINIUM LAMINATED BODY

- Fire resistant (RECTANGULAR**AFS**-ALU.70)
- 100% Non-flammable (RECTANGULAR**AFS**-ALU.70 F)
- Highly resistant to shocks and tears
- Impermeable to UV rays
- Highly resistant to UV rays
- 98% reflective
- Chemically resistant
- Maintenance free

FLEXIBLE & SEAMLESS CONSTRUCTION

- Easy storage
- Easily transported
- Quickly and easily installed
- Energy efficiency

HIGH TENSION STEEL WIRE

- Highly durable
- Highly resistant to deformation
- Easily installed

SMOOTH INNER SURFACE

- Minimal pressure loss
- Low operational cost
- Anti-static/Dust-proof interior

TECHNICAL PROPERTIES

	RECTANGULARAFS-ALU.70	RECTANGULARAFS-ALU.70 F
Construction	Aluminium	Aluminium
Nominal Thickness	74 micron	74 micron
Cross Sectional Area Range	0.006m ² - 0.15m ²	0.006m ² - 0.15m ²
Temperature Range	-30°C / +150°C	-30°C / +250°C
Air Velocity	30 m/s (Max)	30 m/s (Max)
Operation Pressure	3000 Pa (Max)	3000 Pa (Max)
Standard Length	10m	10m
Packing	Single cardboard box	Single cardboard box
Fire Certificates	CSTB M1 (FRANCE) CSI Class-1 (ITALY)	CSTB M0 (FRANCE) MPA 6Q3 (SWITZERLAND)